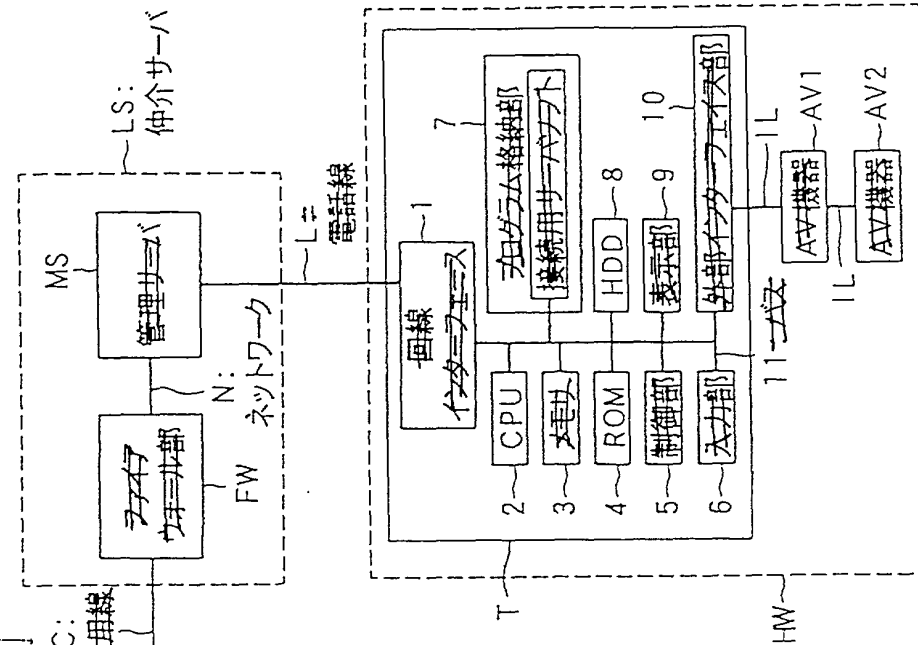


実施形態のネットワークシステムの概要構成を示すブロック図



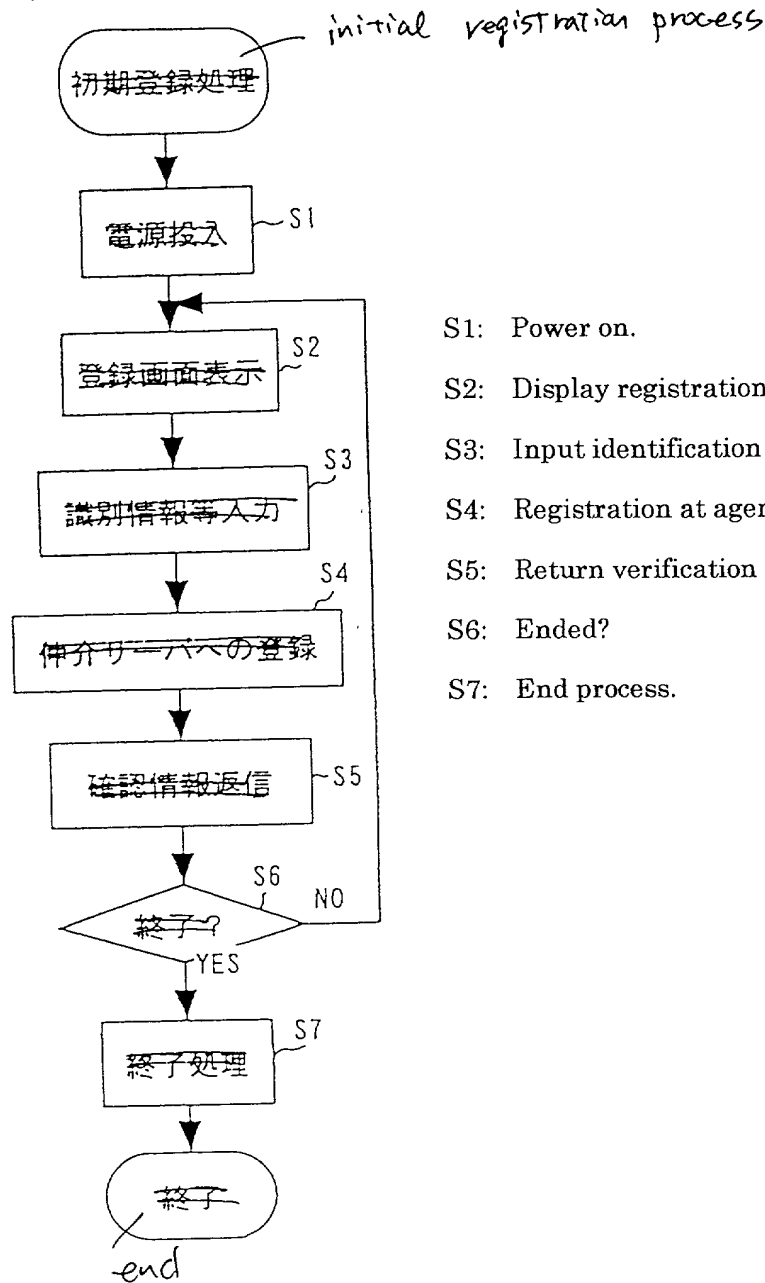
MB: handy phone
PC: personal computer
FW: firewall
MS: management server
ISP: Internet provider
IS: Internet server
IN: Internet
LS: agent server
AV1, AV2: AV device

- 1: line interface
- 3: memory
- 5: controller
- 6: input section
- 7: program storage section
- server soft for connection
- 9: display section
- 10: external interface

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FIG. 2

初期登録処理を示すフロー



S1: Power on.

S2: Display registration screen.

S3: Input identification information and the like

S4: Registration at agent server.

S5: Return verification information.

S6: Ended?

S7: End process.

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実施形態の自動接続処理の手順

FIG. 3

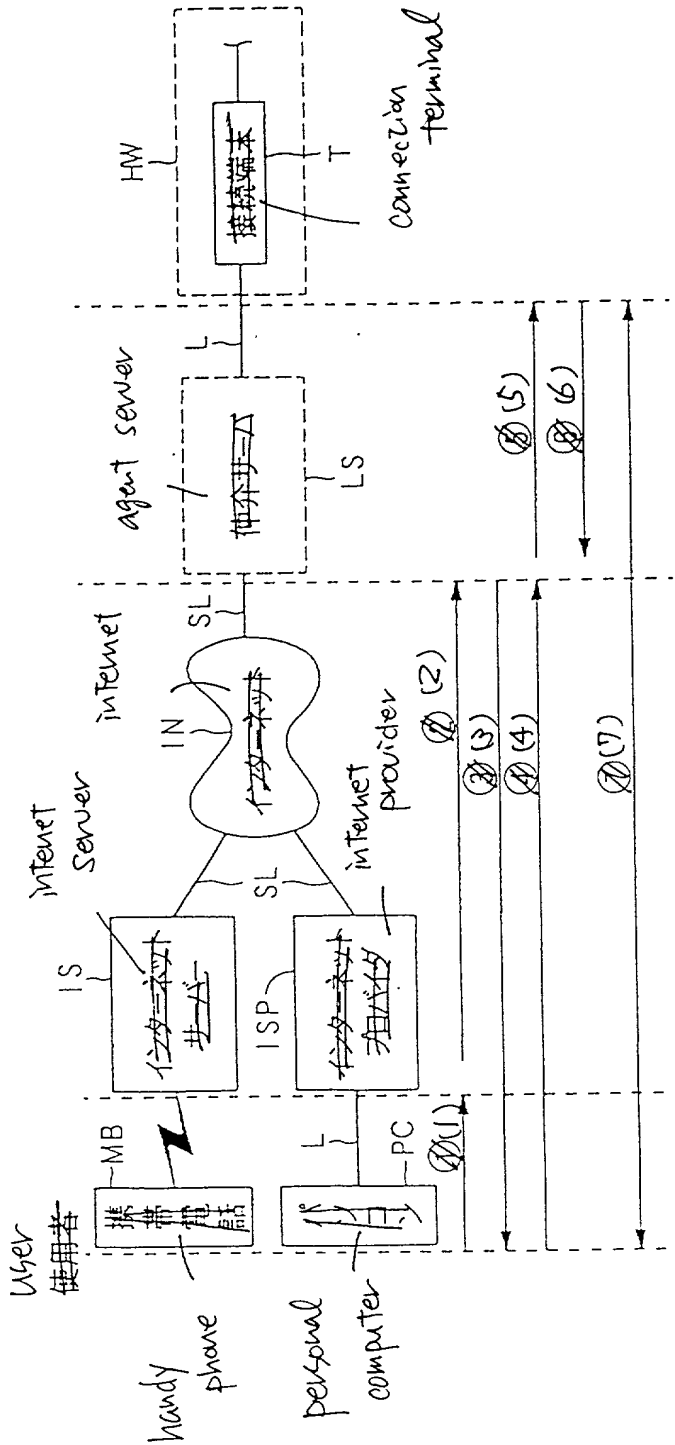


FIG. 4

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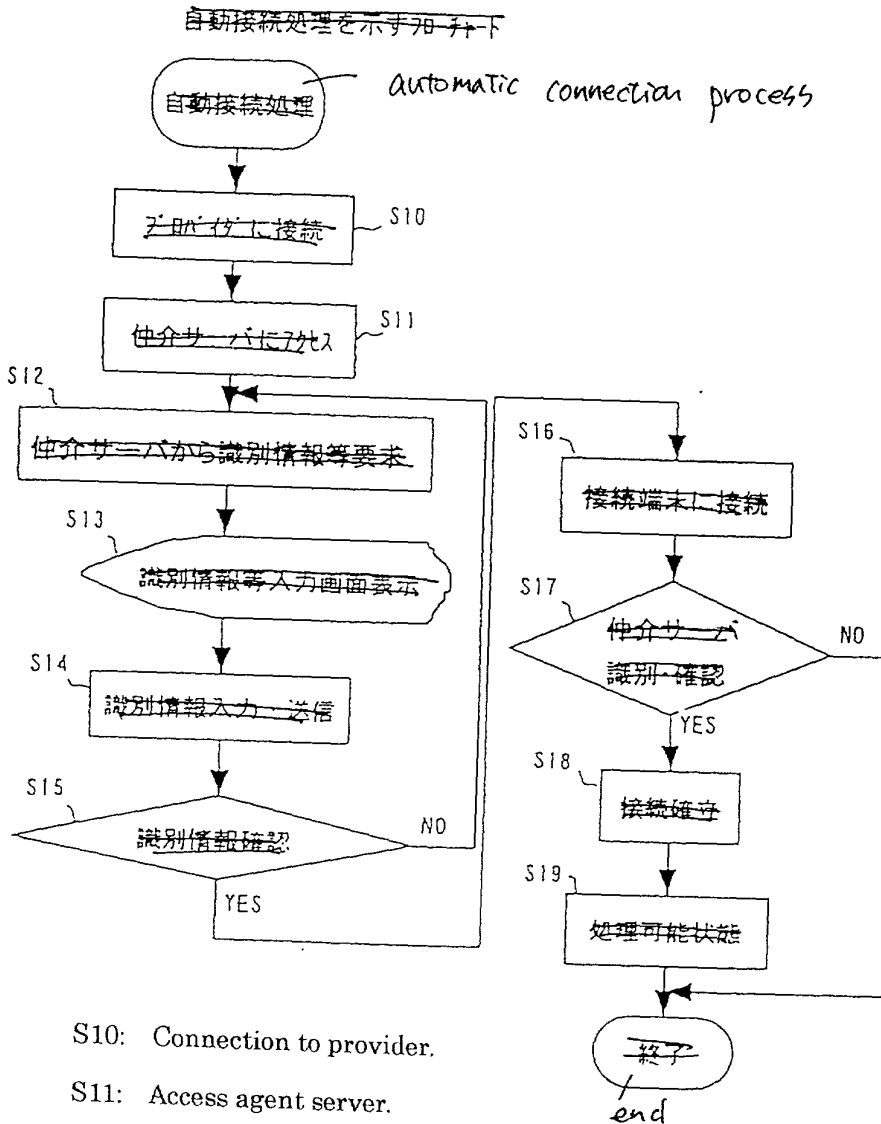


FIG. 5

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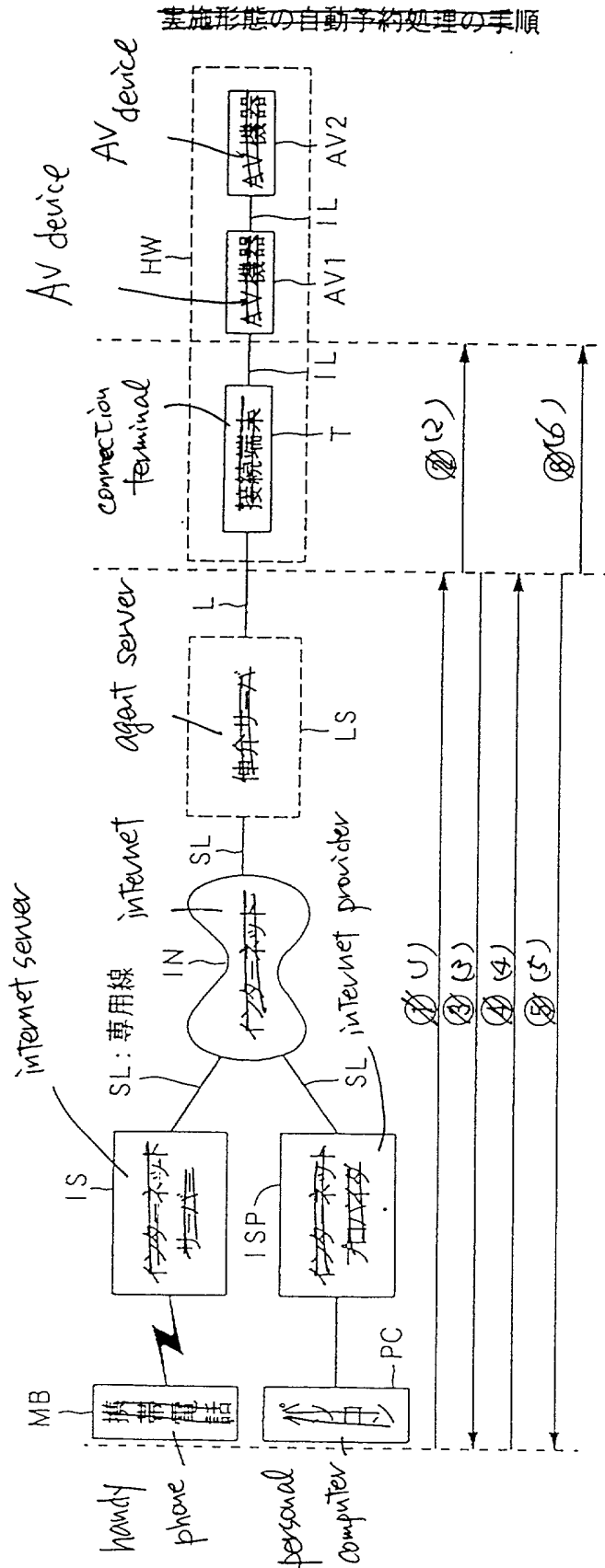
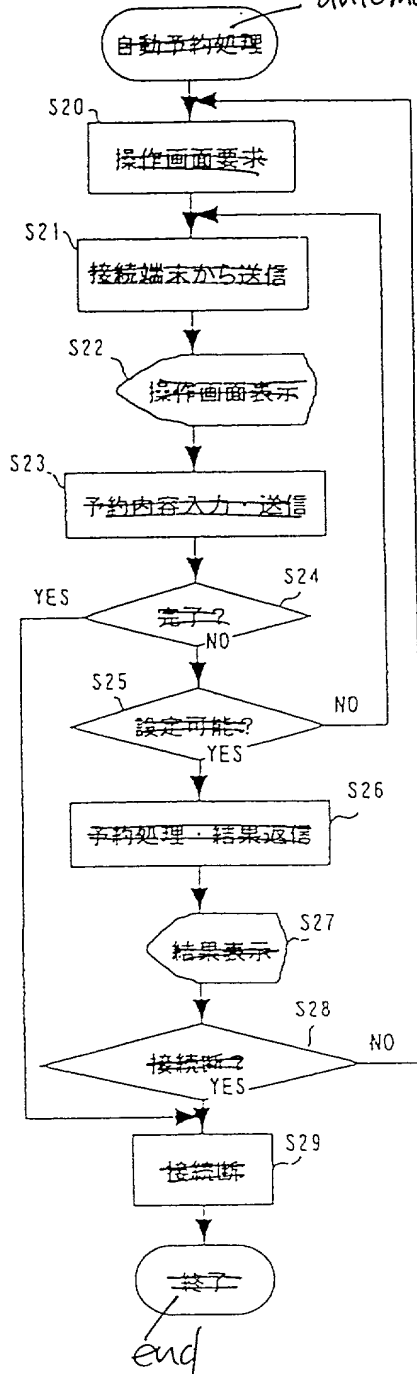


FIG. 6

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自動予約処理を示すフローチャート

automatic reservation process



S20: Request operating screen.

S21: Transmission from connection terminal.

S22: Display operating screen.

S23: Input and transmit reservation contents.

S24: Completed?

S25: Settable?

S26: Reservation process/return results.

S27: Display results.

S28: Disconnect?

S29: Disconnect.

FIG. 7A

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please select item to be operated

操作する項目を選んで下さい

~~家電~~ home appliance
~~AV機器~~ device
~~ホームセキュリティ~~ home security
 終了 end

G1

(a)

FIG. 7B

please set recording reservation date

録画予約日を設定して下さい

year/month/date 年月日 : 2000.6.1
 start time 開始時刻 : 19:00
 end time 終了時刻 : 21:00
 channel チャンネル : CS51

Current Program reservation STATE

現在の予約録画状況:

2000.6.1	8ch	21:00~23:00	** 花子
2000.6.2	4ch	19:00~19:30	** 健一

花子 Hanabo
 健一 Kenichi

☒ 送信

G2

(b) transmit

FIG. 7C

Program reservation is accepted as follows

下記の内容で予約録画を受け付けました

year/month/date 年月日 : 2000.6.1
 start time 開始時刻 : 19:00
 end time 終了時刻 : 21:00
 channel チャンネル : CS351
 予約者 : ~~田太郎~~

L Taro OX.

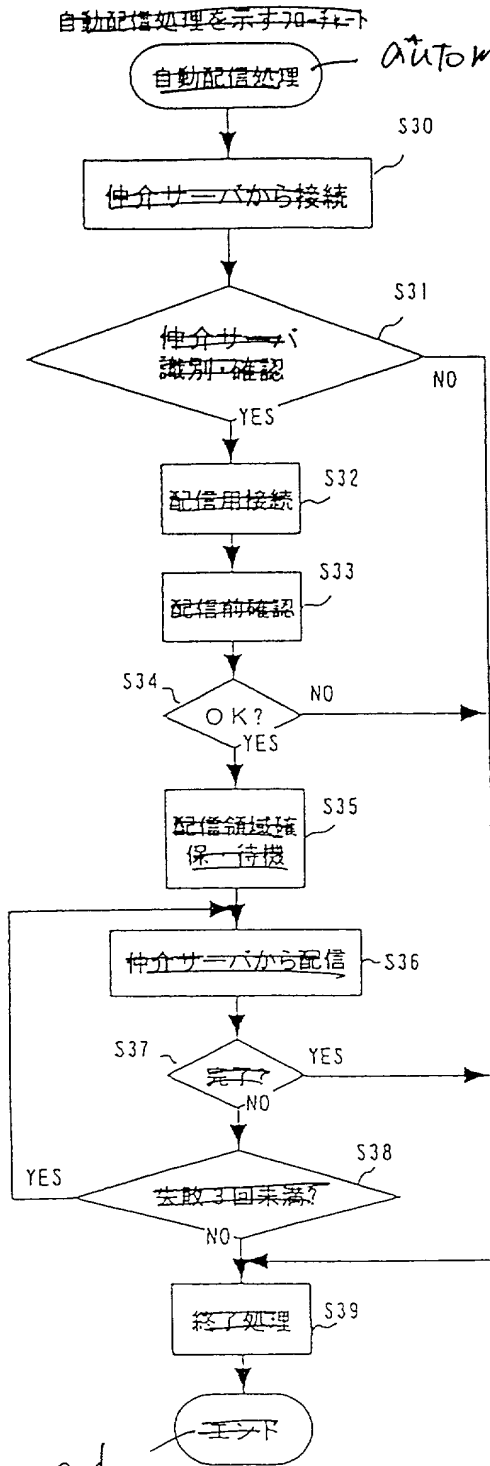
G3

(c)

person who reserved

FIG. 8

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Automatic distribution process

S30: Connection from agent server.

S31: Agent server is identified/confirmed

S32: Connection for distribution

S33: Confirmation before distribution.

S35: Obtain distribution area and wait.

S36: Distribution from agent server.

S37: Completed?

S38: Less than three failures?

S39: end process

end

FIG. 9

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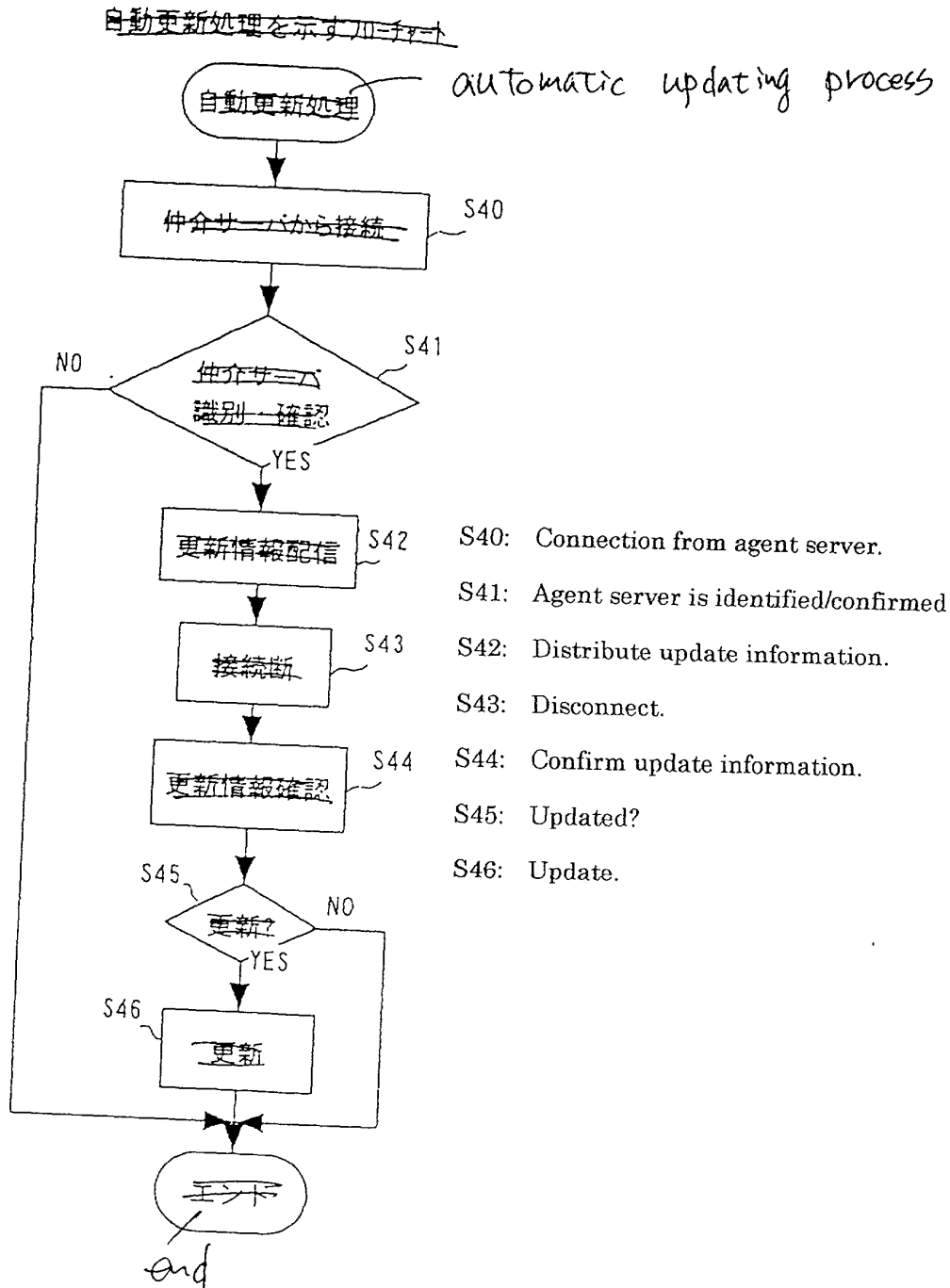


FIG. 10

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~~故障診断処理を示すフローチャート~~

failure diagnostic process

